

Patent claims

1. A deflection roller installation (11) for fastening a deflection roller (2) for a cable (10) for the drive of a motor vehicle windowpane (3), wherein the deflection roller is rotatably attached on a window-lifting rail (4) for guiding the pane, characterised in that the window-lifting rail (4) comprises an outward formation for mounting the deflection roller.
2. A deflection roller installation according to claim 1, characterised in that the outward formation (5) is a push-through of the window-lifting rail.
3. A deflection roller installation according to one of the preceding claims, characterised in that the outward formation (5) in the region of the mounting of the deflection roller (2) is designed in an essentially circularly cylindrical manner
4. A deflection roller installation according to one of the preceding claims, characterised in that the outward formation (5) on the end-face (5a) which is distant to the remaining window-lifting rail (4) comprises an opening (5b).
5. A deflection roller installation according to claim 4, characterised in that the outward formation (5) on the end-face (5a) comprises a widening (5c) for engaging behind and axially fixing the deflection roller (2).
6. A deflection roller installation according to one of the preceding claims, characterised in that the window-lifting rail (4) is fastened to a module support which is fastened on a door panel (6) of a vehicle door (7) or on a door frame of a vehicle door.
7. A deflection roller installation according to claim 6, characterised in that a peg (9') of the module support (8') engages into the outward formation.
8. A deflection roller installation according to claim 7, characterised in that a fastening element is provided for axially fixing the outward formation on the peg.
9. A deflection roller installation according to one of the preceding claims, characterised in that the window-lifting rail (4) is formed of a 0.9 - 1.5 mm thick sheet metal.

10. A deflection roller installation according to one of the preceding claims, characterised in that the window-lifting rail (4) is of steel or aluminium.

11. A deflection roller installation according to one of the preceding claims, characterised in that the deflection roller is of POM.

12. A method for manufacturing a deflection roller installation according to one of the preceding claims, characterised in that on manufacture of the window-lifting rail (4) the outward formation (5) is manufactured with a deep-drawing method and after placing the deflection roller (2) onto the outward formation, a widening of the outward formation is effected for engaging behind and axially fixing the deflection roller.

13. A method according to claim 12, characterised in that the widening-out of the outward formation is effected by flanging or by placing on a fastening element for axially fixing the deflection roller.